

## FPD16-1000-40000-20-K

16-Way, 1~40GHz

### Features:

- \* Small Size
- \* Low Insertion Loss

### Applications:

- \* Amplifiers
- \* Mixers
- \* Antennas
- \* Laboratory Test

### Electrical

Frequency:	1~40GHz
Insertion Loss <sup>*1</sup> :	12.7dB max.
VSWR:	1.7 max.
Isolation:	15dB min.
Amplitude Balance:	±1dB max.
Phase Balance:	±13° max.
Impedance:	50Ω
Peak Power:	3000W
Power @SUM Port <sup>*2</sup> :	20W max. as divider 2W max. as combiner

[1] Excluding theoretical loss 12dB.

[2] Rated distribution must meet the requirement of a matched load VSWR less than 1.2; rated combining: feed must satisfy the amplitude-phase balance specifications.

### Mechanical

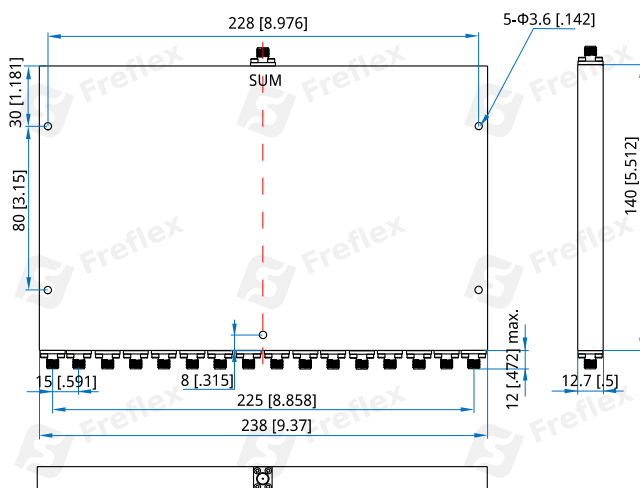
Size <sup>*3</sup> :	238*140*12.7mm 9.37*5.512*0.5in
Connectors:	2.92mm Female
Mounting:	5-Φ3.6mm through-hole

[3] Exclude connectors.

### Environmental

Operation Temperature:	-55~+85°C
Non-operation Temperature:	-55~+100°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±1mm [±0.039in]

### How To Order

**FPD16-1000-40000-20-K**

Customization is available upon request.